



EMC Test Data

Client:	Aruba, a Hewlett Packard Enterprise company	Job Number:	PR090857
Model:	ARCN9004	T-Log Number:	TL090857-RA
Contact:	Jack Liu	Project Manager:	Christine Krebill
Standard:	FCC 15.247, EN 300 328, LP0002	Project Coordinator:	David Bare
		Class:	N/A

Maximum Permissible Exposure / SAR Exclusion

Test Specific Details

Objective: Evaluate the RF Exposure requirements per FCC 1.1310, 2.1091 and RSS-102.

Date of Test: 5/22/2019

Test Engineer: David Bare

General Test Configuration

Calculation uses the free space transmission formula:

$$S = (PG)/(4 \pi d^2)$$

or SAR exclusion calculation from FCC KDB 447498 or Table 1 of RSS-102

Where: S is power density (W/m^2), P is output power (W), G is antenna gain relative to isotropic, d is separation distance from the transmitting antenna (m). FCC SAR exclusion calculation

Summary of Results

Device complies with SAR exclusion at 5 or 10 mm separation:	Yes
--	-----

Deviations From The Standard

No deviations were made from the requirements of the standard.

FCC SAR Exclusion Calculation

Freq. MHz	EUT Power		Cable Loss	Ant Gain	Power at Ant	EIRP	Separation Distance	SAR Exclusion	SAR Exclusion Limit
	dBm	mW*	dB	dBi	dBm	mW	(mm)	Calc.	
2402	7.1	5.1	0	-15.6	7.1	0.14	5.0	1.59	3.0
2440	6.8	4.8	0	-15.5	6.8	0.13	5.0	1.50	3.0
2480	6.4	4.4	0	-15.3	6.4	0.13	5.0	1.37	3.0